

FORM PTO-1449								ATTY. DOCKET NO. I-2-0074.7US	SERIAL NO. Not Yet Known	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE								APPLICANT Donald L. Schilling		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT								FILING DATE <u>Not Yet Known</u> <u>7/11/03</u>	GROUP <u>Not Yet Known</u> <u>2876</u>	
(Use several sheets if necessary)										

U.S. PATENT DOCUMENTS

EXAMINE R INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<u>LP</u>	AA*	3	5	8	1	0	1	9	5/71	Ryan			
<u>LP</u>	AB*	4	6	8	0	7	8	5	7/87	Akiyama et al.			
	AC*	4	7	0	6	2	7	5	11/87	Kamii			
	AD*	4	7	3	4	9	2	8	3/88	Weiner et al.			
	AE*	4	7	5	7	1	8	6	7/88	Heberle et al.			
	AF*	4	7	5	9	0	5	6	7/88	Akiyama			
	AG*	4	7	6	3	3	5	4	8/88	Fukushima et al.			
	AH*	4	7	8	2	2	1	7	11/88	Soza et al.			
	AI*	4	7	9	5	8	9	2	1/89	Gilmore et al.			
	AJ*	4	8	3	3	7	0	2	5/89	Shitara et al.			
	AK*	4	8	4	5	7	4	0	7/89	Tokuyama et al.			
	AL*	4	8	6	0	3	4	1	8/89	D'Avello et al.			
	AM*	4	8	6	8	8	4	9	9/89	Tamaoki			
	AN*	4	8	7	9	7	4	4	11/89	Tasaki et al.			
<u>LP</u>	AO*	4	8	9	1	5	0	3	1/90	Jewell			
<u>LP</u>	AP*	4	8	9	7	8	7	0	1/90	Golden			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
<u>LP</u>	AQ*	0	2	4	4	1	6	4	10/86	Japan				
<u>LP</u>	AR*	0	2	7	6	4	0	3	8/88	Europe				
<u>LP</u>	AS*	0	0	4	4	6	6	2	2/89	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <u>Glenn</u>	DATE CONSIDERED <u>11/23/04</u>
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(Use several sheets if necessary)										

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EXAMINEE INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JK</i>	AT*	4	9	0	7	2	5	7	3/90	Asano et al.			
<i>JK</i>	AU*	5	0	0	3	5	8	5	3/91	Richer			
<i>JK</i>	AV*	5	1	0	9	5	4	0	4/92	Dzung et al.			
<i>JK</i>	AW*	5	1	3	8	6	4	8	8/92	Palomeque et al.			
<i>JK</i>	AX*	5	1	3	8	6	5	0	8/92	Stahl et al.			
<i>JK</i>	AY*	5	1	4	6	2	1	7	9/92	Holmes et al.			
<i>JK</i>	AZ*	5	1	4	8	4	7	2	9/92	Freese et al.			
<i>JK</i>	BA*	5	1	7	3	9	3	6	12/92	Ditzig et al.			
<i>JK</i>	BB*	5	1	7	9	3	7	3	1/93	John			
<i>JK</i>	BC*	5	1	9	7	0	9	2	3/93	Bamburak			
<i>JK</i>	BD*	5	2	2	0	5	9	3	6/93	Zicker et al.			
<i>JK</i>	BE*	5	2	5	1	2	4	8	10/93	Tokunaga et al.			
<i>JK</i>	BF*	5	2	6	6	7	8	2	11/93	Alanara et al.			
<i>JK</i>	BG*	5	2	9	7	1	8	9	3/94	Chabernaud			
<i>JK</i>	BH*	5	2	9	7	1	9	2	3/94	Gerszberg			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
<i>JK</i>	BI*	0	0	8	0	7	1	7	4/91	Japan				
<i>JK</i>	BJ*	08	13	0	5	9	2	A	5/96	Japan				
<i>JK</i>	BK*	0	9	0	1	85	84	A	1/97	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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								FILING DATE Not Yet Known 7/11/03	GROUP Not Yet Known 2076						

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JSC</i>	BL*	5	3	2	5	4	2	4	6/94	Grube			
<i>JSC</i>	BM*	5	3	5	9	1	8	2	10/94	Schilling			
<i>JSC</i>	BN*	5	3	7	1	4	9	3	12/94	Sharpe et al.			
<i>JSC</i>	BO*	5	3	7	1	7	8	5	12/94	Marcinkiewicz			
<i>JSC</i>	BP*	5	3	9	6	6	5	0	3/95	Terauchi			
<i>JSC</i>	BQ*	5	4	0	4	5	8	0	4/95	Simpson et al.			
<i>JSC</i>	BR*	5	5	7	7	1	0	4	11/96	Knuth et al.			
<i>JSC</i>	BS*	6	0	0	3	7	7	0	12/99	Schilling			
<i>JSC</i>	BT*	6	0	3	5	0	2	5	3/00	Hanson			

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													YES	NO	
<i>JSC</i>	BU*	2	2	4	6	2	6	9	1/92	United Kingdom					
<i>JSC</i>	BV*	5	0	2	4	4	6	A	9/92	EPO					
<i>JSC</i>	BW*	4	1	1	9	9	2	4A	12/92	Germany					
<i>JSC</i>	BX*	3	7	0	2	5	0	9A	8/98	Germany					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>JSC</i>	BY*	Walker, Michael, "Security in Mobile and Cordless Telecommunications" CompEuro 92, 'Computer Systems and Software Engineering', Proceedings, pages 493-496, May 1992.
<i>JSC</i>	BZ*	Arndt, G. et al., "International Standards on Universal Personal Telecommunications: State of the Art and Future Projections", ICUPC 92 Proceedings, 10/1992 pages 03.01/1-03.01/5.
<i>JSC</i>	CA*	Jose Luis Zoreda and Jose Manuel Oton, <u>Smart Cards</u> , Artech House, pp. 158-160 and 173-175 (1994).

EXAMINER

DATE CONSIDERED

7/23/04

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	CF*	Crump, Jr., Stewart, Phone Service in Airplanes: A High-Flying Idea, Mobile Office, April 1992, pp. 54-68.
	CG*	Snow, Richard "The Future: GSM-features versus the cost (cellular radio)" IEE Colloquium on Mobile Communications, pages 511-513, 1990.

EXAMINER *[Signature]* **DATE CONSIDERED**

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